

## HYDROGEN SULFIDE ABATEMENT IN MOLTEN SULFUR

### Abstract of the Disclosure

The present invention provides a method for inhibiting the evolution of H<sub>2</sub>S from sulfhydryl compounds in molten sulfur by using scavenging agents such as anhydrides and polymers thereof, conjugated ketones, carbonates, epoxides, monoesters and diesters of unsaturated dicarboxylic acids and polymers of these esters, and the like and mixtures thereof. In one embodiment, it is preferred that the scavenging agent is in liquid form at contact temperature with the molten sulfur. In another embodiment, the scavenging agent may be atomized into the vapor space over the molten sulfur to contact the sulfur with the agent.